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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	09/777,526
	Filing Date	February 6, 2001
	First Named Inventor	Agrawal, et al.
	Art Unit	1635
Examiner Name	Terra C. Gibbs	
Attorney Docket Number	HYZ-030 GPCN3:47508.518	

Sheet 1 of 1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2004-0033980	02-19-2004	Agrawal, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
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Subl. For, PTO-1448		Docket Number HYZ-030CPCN3	Application Number 09/777,526
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)		Applicant Agrawal et al.	
		Filing Date February 6, 2001	Group Art Unit 1635
Sheet 1	OF 4		

U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	4,309,404	1/5/1982	DeNeale et al.	424	21	
	4,309,406	1/5/1982	Guley et al.	424	21	
	4,556,552	12/3/1985	Porter et al.	424	32	
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	5,220,007	6/15/1993	Pederson et al.	536	23.1	
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	5,248,670	9/28/1993	Draper et al.	514	44	
	5,271,941	12/21/1993	Cho-Chung	424	450	
	5,403,709	10/6/1992	Agrawal et al.	435	6	
	5,442,049	8/15/1995	Anderson et al.	536	24.5	
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	5,612,212	11/12/1993	Gewirtz	435	456	
	6,143,881	11/7/2000	Metelev et al.	536	24.5	
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	5,969,117	10/19/1999	Agrawal	536	22.1	

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Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>JS</i>	94/02498	2/3/1994	WO	C07H 21	00		X
<i>JS</i>	94/15619	7/21/1994	WO	A61K 31	70		X

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

<i>JS</i>	A1	Agrawal, Sudhir, "Functionalization of oligonucleotides with amino groups and attachment of amino specific reporter groups." <i>Methods Mol Biol.</i> , Vol. 26, pp. 93-120 (1994)
<i>JS</i>	A2	Agrawal et al., "Inhibition of human immunodeficiency virus in early infected and chronically infected cells by antisense oligodeoxynucleotides and their phosphorothioate analogues." <i>Proc Natl Acad Sci U S A.</i> , Vol. 86, No. 20, pp. 7790-4 (1989)
<i>JS</i>	A3	Agrawal, <u>Antisense Therapeutics</u> , (Sudhir Agrawal, ed.), Page V (1996)

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Subt. For, PTO-1449

Docket Number
HYZ-030CPCN3Application Number
09/777,526

**INFORMATION DISCLOSURE
IN AN APPLICATION**

(Use several sheets if necessary)

Sheet 2 OF 4

Applicant
Agrawal et al.

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B2	Agrawal et al., "Absorption, tissue distribution and in vivo stability in rats of a hybrid antisense oligonucleotide following oral administration." <i>Biochem Pharmacol.</i> , Vol. 50, No. 4, pp. 571-6 (1995)
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B8	Boutorine et al, <i>Biochimie</i> 76: 23-32 (1994)
B9	Ceruzzi et al., <i>Nucleosides and Nucleotides</i> 8 (5&6): 815-8 (1989)
B10	Egli et al. (10/8-9/98) <i>Antisense 98, Targeting the Molecular Basis of Disease</i> , pp. 37
B11	Furdon et al., "RNase H cleavage of RNA hybridized to oligonucleotides containing methylphosphonate, phosphorothioate and phosphodiester bonds." <i>Nucleic Acids Res.</i> , Vol. 17, No. 22, pp. 9193-204 (1989)
B12	Galderisi et al., "Antisense oligonucleotides as therapeutic agents." <i>J. Cell. Physiol.</i> , Vol. 181, pp. 251-57 (1999)
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B15	Isis Pharmaceuticals, Inc., <i>Antisense 97: Targeting the Molecular Basis of Disease</i> , Nature Biotechnology Conference, May 1-2 1997
B16	International Business Communications, <i>IBC's Fourth Annual International Symposium on Oligonucleotides and Gene Therapy-Based Antisense Therapeutics with New Applications for Genomics</i> , February 6-7 1997
B17	International Business Communications, <i>IBC's Sixth Annual International Conference on Oligo-Therapeutics, Molecular Tools and Novel Therapeutic Strategies</i> , May 1999

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Subl. For, PTO-1449		Docket Number HYZ-030CPCN3	Application Number 09/777,526
INFORMATION DISCLOSURE IN AN APPLICATION MAY 21 2001 (Use several sheets if necessary)		Applicant Agrawal et al.	
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	B19	Iversen, "In vivo studies with phosphorothioate oligonucleotides: pharmacokinetics prologue." <i>Anticancer Drug Des.</i> , Vol. 6, No. 6, pp. 531-8 (1991)
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	C7	Orr, (Reported By) <i>Antisense 98: "Targeting the Molecular Basis of Disease (Part III)"</i> Organized by Nature Biology, London, UK (1988)
	C8	Quartin et al., "Number and distribution of methylphosphonate linkages in oligodeoxynucleotides affect exo- and endonuclease sensitivity and ability to form RNase H substrates." <i>Nucleic Acids Res.</i> , Vol. 17, No. 18, pp. 7253-62 (1989)
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	C10	Sands, "Biodistribution and metabolism of internally 3H-labeled oligonucleotides. I. Comparison of a phosphodiester and a phosphorothioate." <i>Mol Pharmacol.</i> , Vol. 45, No. 5, pp. 932-43 (1994)
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	C14	Sonveaux, "Protecting Groups in Oligonucleotide Synthesis", in <i>Methods in Molecular Biology</i> (Agrawal ed.) 26:1-71 (1994)
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21	C17	Tidd et al., "Partial protection of oncogene, anti-sense oligodeoxynucleotides against serum nuclease degradation using terminal methylphosphonate groups." <i>Br J Cancer.</i> , Vol. 60, No. 3, pp. 343-50 (1989)

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Subt. For, PTO-1449		Docket Number HYZ-030CPCN3		Application Number 09/777,526	
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)				Applicant Agrawal et al.	
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	D4	Zamecnic, P., "History of Antisense Oligonucleotides" in <i>Antisense Therapeutics</i> (Sudhir Agrawal ed.), Human Press, Totowa, New Jersey (1996) pp. 1-11.
	D5	Zhao et al., <i>Antisense Res. and Dev.</i> 3: 53-66 (1993)
	D6	Zon, <i>Pharm.Res</i> 5(9): 539-49 (1988)
	D7	Zendegui et al., "In vivo stability and kinetics of absorption and disposition of 3' phosphoropropyl amine oligonucleotides." <i>Nucleic Acids Res.</i> , Vol. 20, No. 2, pp. 307-14 (1992)

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EXAMINER <i>Rich, HLL</i>	DATE CONSIDERED 3/1/05
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